HD CCTV Total Solution

IR Bullet Camera User Manual

The product image shown above may differ from the actual product.
Please use this camera with a DVR which supports HD video recording.
Please read the instructions thoroughly before using the product.

CAUTION

RISK OF ELECTRIC SHOCK

CAUTION:

To reduce the risk of electric shock, do not expose this apparatus to rain or moisture.

Only operate this apparatus from the type of power source indicated on the label.

The company shall not be liable for any damages arising out of any improper use, even if we have been advised of the possibility of such damages.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

RoHS conform

ROHS Announcement

All lead-free products offered by the company comply with the requirements of the European law on the Restriction of Hazardous Substances (RoHS) directive, which means our manufacture processes and products are strictly “lead-free” and without the hazardous substances cited in the directive.

The crossed-out wheeled bin mark symbolizes that within the European Union the product must be collected separately at the product end-of-life. This applies to your product and any peripherals marked with this symbol. Do not dispose of these products as unsorted municipal waste.

CE

CE Mark

This apparatus is manufactured to comply with the radio interference.

The company does not warrant that this manual will be uninterrupted or error-free. We reserve the right to revise or remove any content in this manual at any time.

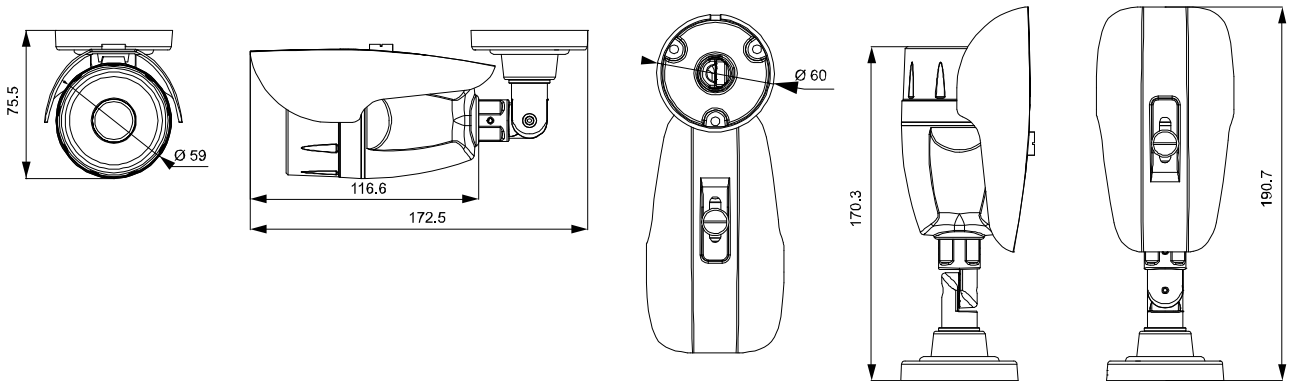
FEATURES

1. 1/2.7" CMOS Sensor
2. 1080P video output
3. Low light sensitivity of 0.1 Lux / F1.8, 0Lux (IR LED ON)
4. Day and night 24-hour surveillance with IR effective distance up to 15 meters
5. IP66 for weather-proof application

PACKAGE CONTENT

- IR camera * 1
- Sun shield * 1
- Installation sticker * 1
- User manual * 1
- Accessory * 1

DIMENSIONS*



*Dimensional Tolerance: ± 5mm

SPECIFICATIONS*

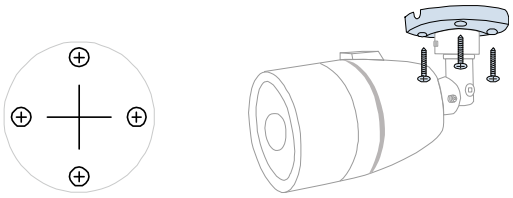
Pick-up Element	1/ 2.7" CMOS image sensor
Number of Pixels	1930(H) x 1088(V)
Video Frame Rate	1080P@30fps / 1080P@25fps
Min. Illumination	0.1 Lux / F1.8, 0 Lux (IR LED ON)
S/N Ratio	More than 48dB (AGC OFF)
Shutter Speed	1/30 (1/25) sec ~ 1/720000 (1/600000) sec
Lens	f3.6mm / F1.8
Lens Angle	96° (Horizontal) / 50° (Vertical) / 116° (Diagonal)
IR LED	12 units
IR Effective Distance	Up to 15 meters
IR Shift	YES
Day & Night Mode	YES
IRIS Mode	AES
White Balance	AUTO / USER / PUSH / 8000K / 6000K / 4200K / 3200K
AGC	Auto
Sharpness	YES
Flickerless	50HZ / 60HZ / OFF
BLC	YES
IP Rating	IP66
Operating Temperature	-20℃ ~ 40℃
Video Output	1.0 Vp-p composite, 75Ω
Power Source (±10%)	DC12V / 0.5A
Current Consumption (±10%)	200mA

* The specifications are subject to change without notice.

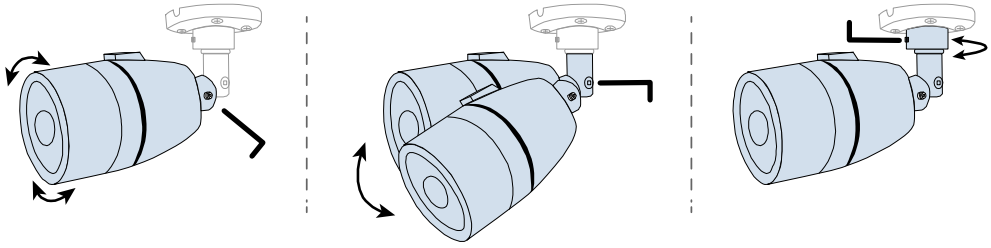
INSTALLATION

Step1: Locate where you want to install this camera, and drill holes on the wall or ceiling with the supplied installer sticker for attaching the camera later.

Step2: Fasten the camera to the ceiling or wall with the supplied screws.

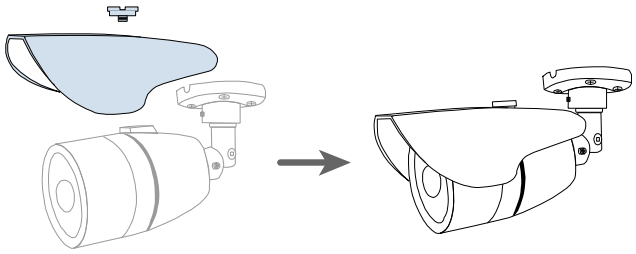


Step3: Power on the camera, and adjust the viewing angle of the camera as indicated below.



Step4: Fix the sun shield to the camera with the screw supplied.

Step5: Slide the sun shield to the camera, and fasten it with the supplied screw.



CONNECTION

1. DC12V Input Terminal
   Connect the power terminal of the camera to a DC 12V regulated power supply.

NOTE: Please use the correct power adaptor, DC12V (regulated), to operate this unit. The power tolerance of this unit is DC12V ± 10%. Over maximum DC 12V power input will damage this unit.

2. Video Output Connector (VIDEO OUT)
   Connect the camera video output to the video input of a DVR with 75Ω coaxial cable.

NOTE: To ensure the camera has sufficient protection against moisture, an extra waterproof measure, such as by using an insulating tape, must be used to cover the power and video connectors after connection.